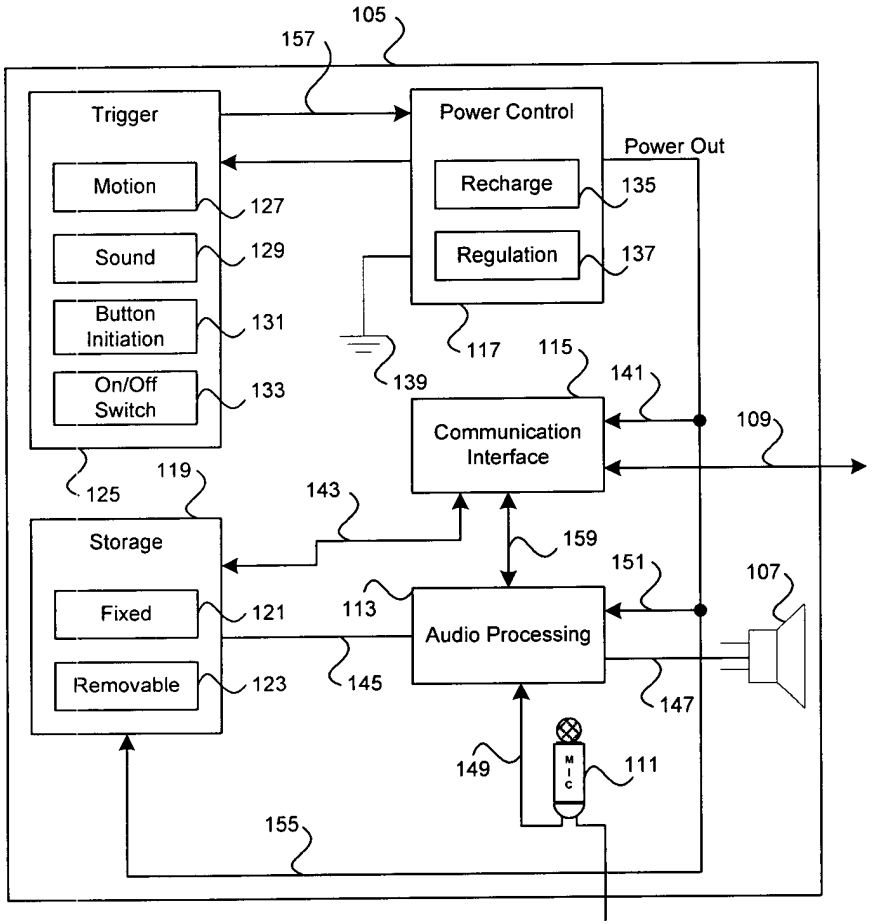
105
157
Trigger
Power Control
Power Out
Motion
127
Recharge
135
Sound
129
Regulation
137
Button Initiation
131
117
115
141
On/Off Switch
133
139
Communication Interface
109
125
119
143
Storage
159
151
107
Fixed
121
113
Audio Processing
Removable
123
145
147
149
MIC
111
155

FIG. 1

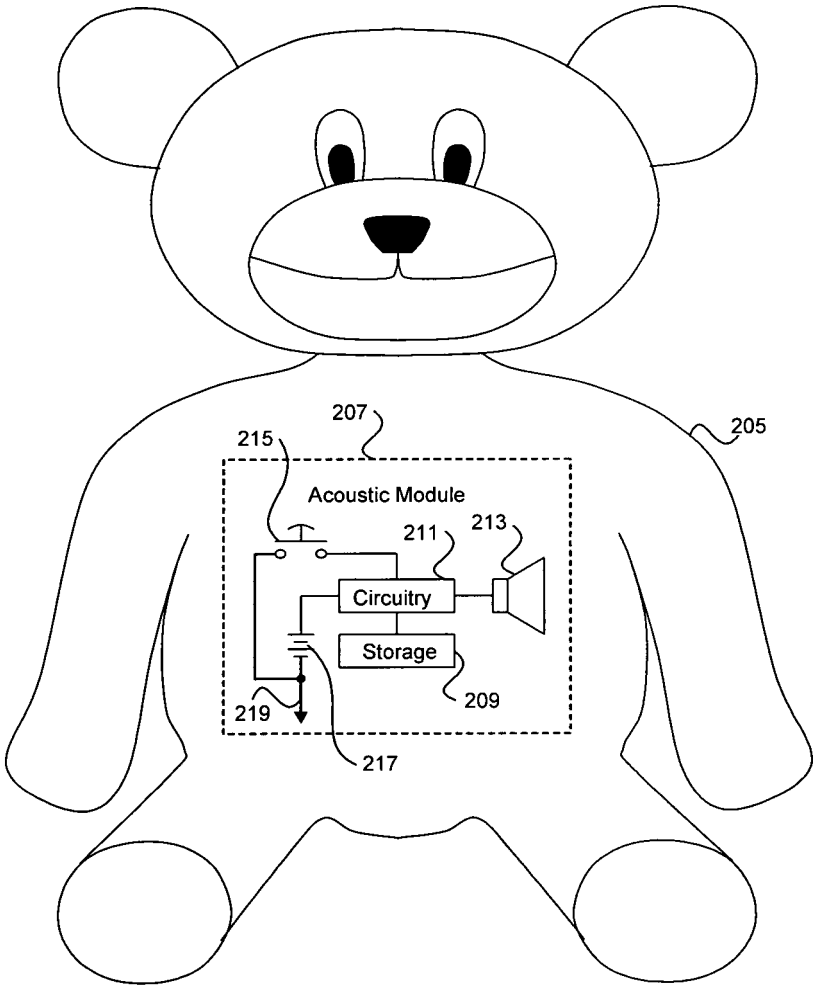
207
215
205
Acoustic Module
211
213
Circuitry
Storage
209
219
217

FIG. 2

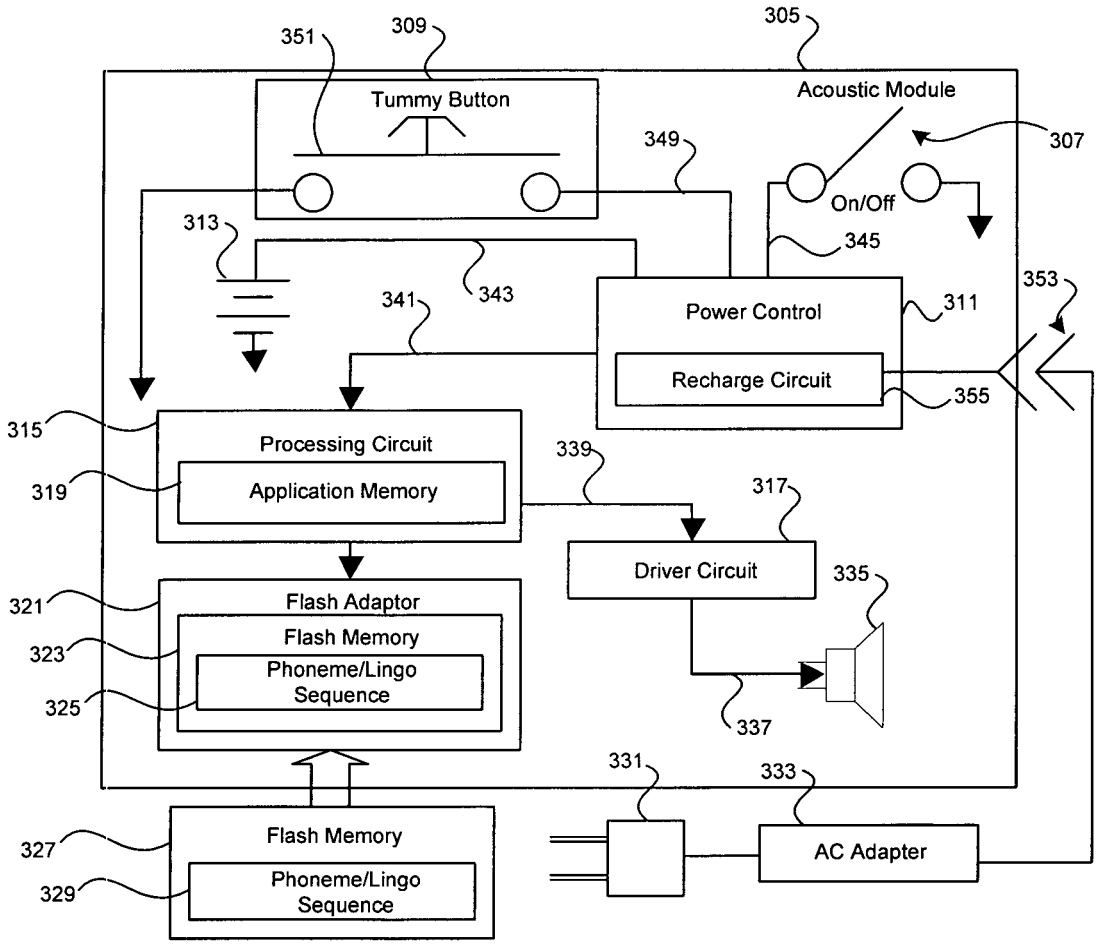
351
309
305
Tummy Button
Acoustic Module
307
349
On/Off
313
345
343
353
341
Power Control
311
Recharge Circuit
355
315
Processing Circuit
339
319
Application Memory
317
Driver Circuit
335
321
Flash Adaptor
Flash Memory
323
Phoneme/Lingo Sequence
325
337
331
333
327
Flash Memory
AC Adapter
Phoneme/Lingo Sequence
329

FIG. 3

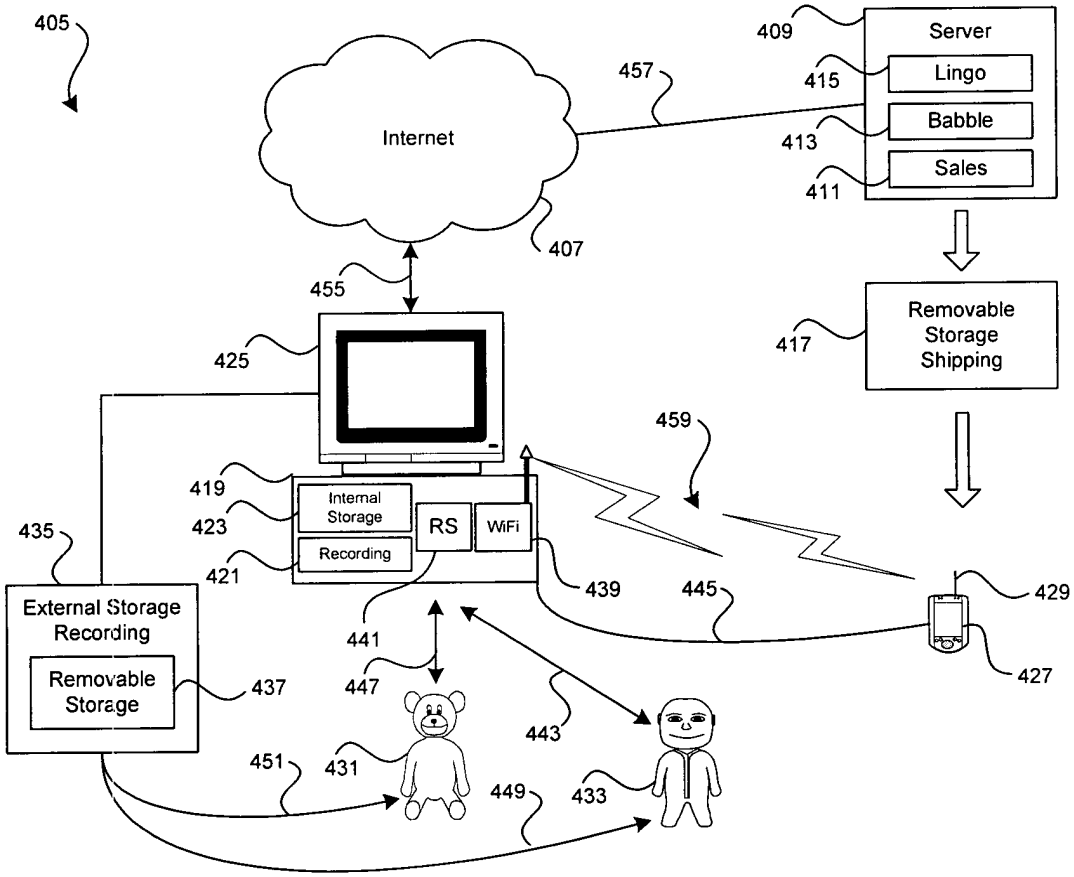
405
Internet
457
409
Server
415
Lingo
413
Babble
411
Sales
407
455
425
417
Removable Storage Shipping
459
419
Internal Storage
423
RS
WiFi
Recording
421
435
439
445
429
External Storage Recording
Removable Storage
437
441
447
427
443
451
431
449
433

FIG. 4

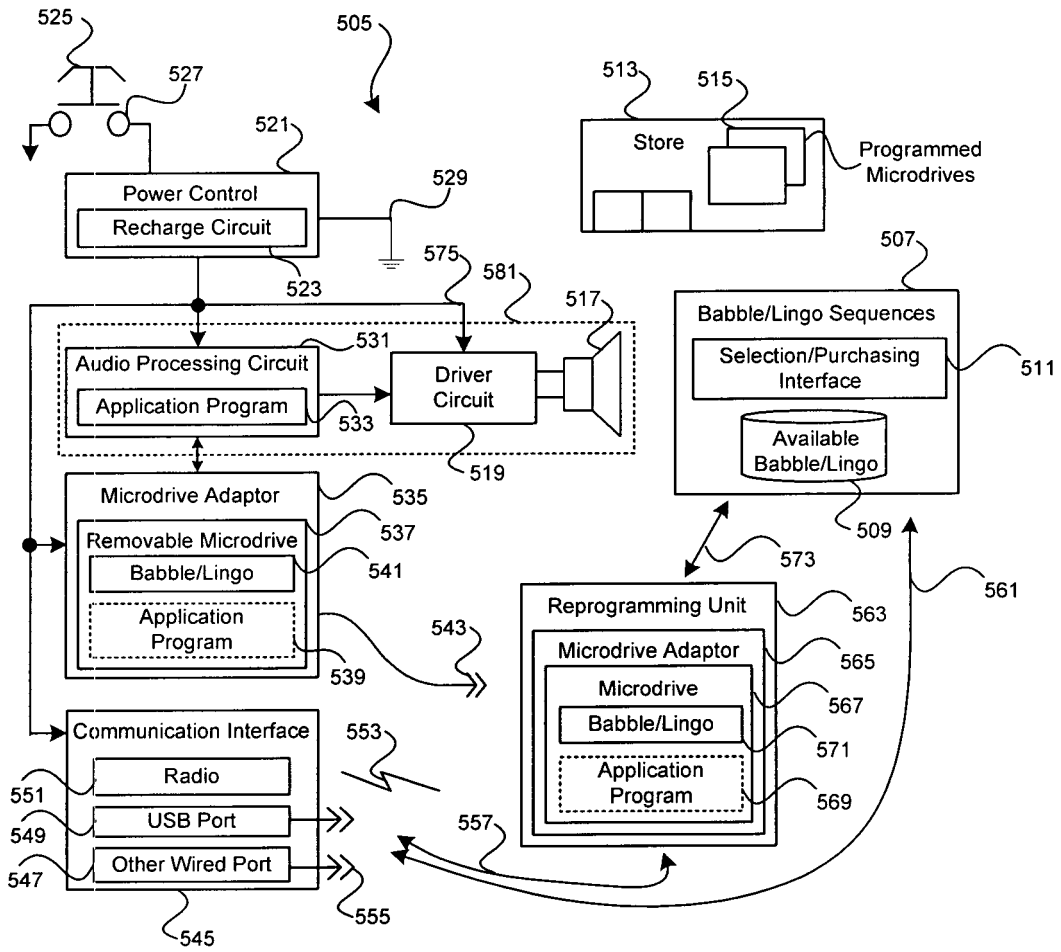
525
505
527
513
515
Store
Programmed Microdrives
521
Power Control
Recharge Circuit
529
523
575
581
517
507
Babble/Lingo Sequences
Selection/Purchasing Interface
511
531
Audio Processing Circuit
Application Program
533
Driver Circuit
519
Available Babble/Lingo
509
Microdrive Adaptor
535
Removable Microdrive
537
Babble/Lingo
541
Application Program
539
543
573
561
Reprogramming Unit
563
Microdrive Adaptor
565
Microdrive
567
Babble/Lingo
571
Application Program
569
553
Communication Interface
Radio
551
USB Port
549
Other Wired Port
547
557
555
545

FIG. 5

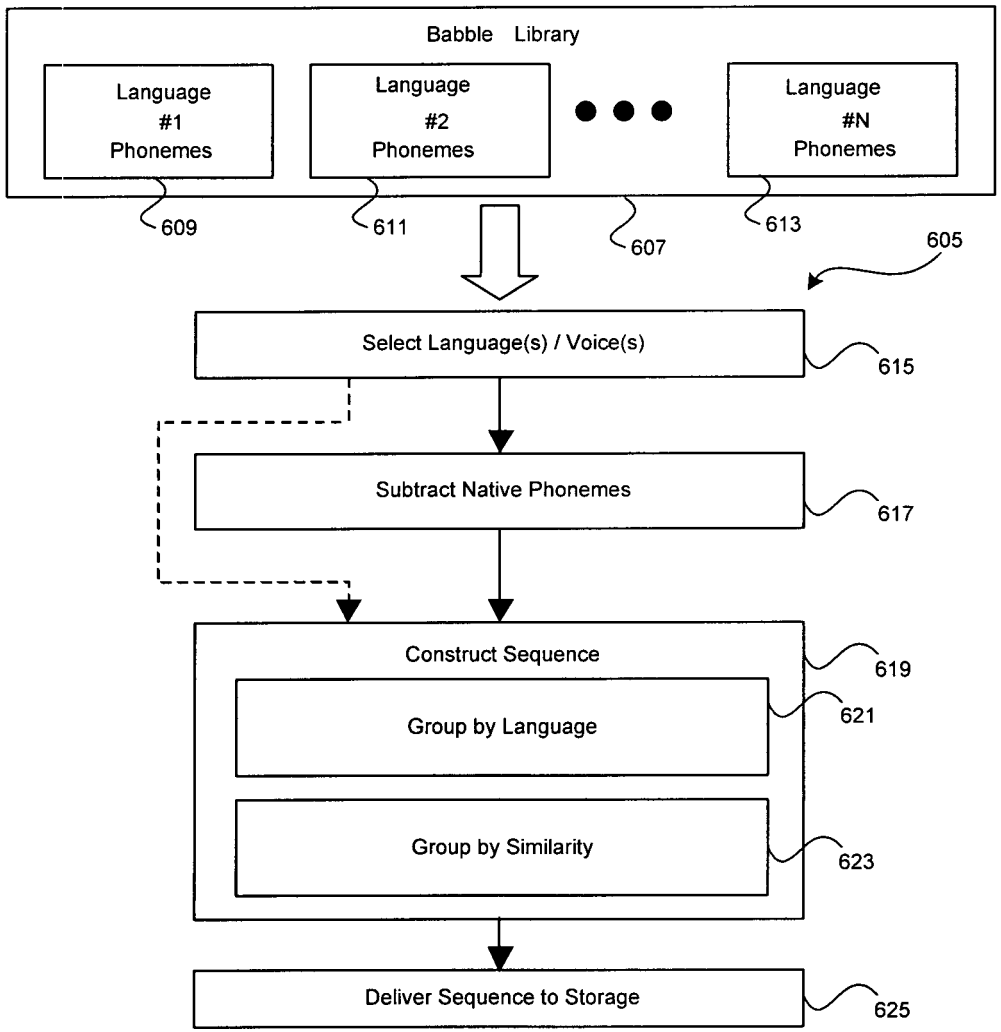
Babble Library
Language #1 Phonemes
Language #2 Phonemes
Language #N Phonemes
609
611
607
613
605
Select Language(s) / Voice(s)
615
Subtract Native Phonemes
617
Construct Sequence
619
Group by Language
621
Group by Similarity
623
Deliver Sequence to Storage
625

FIG. 6

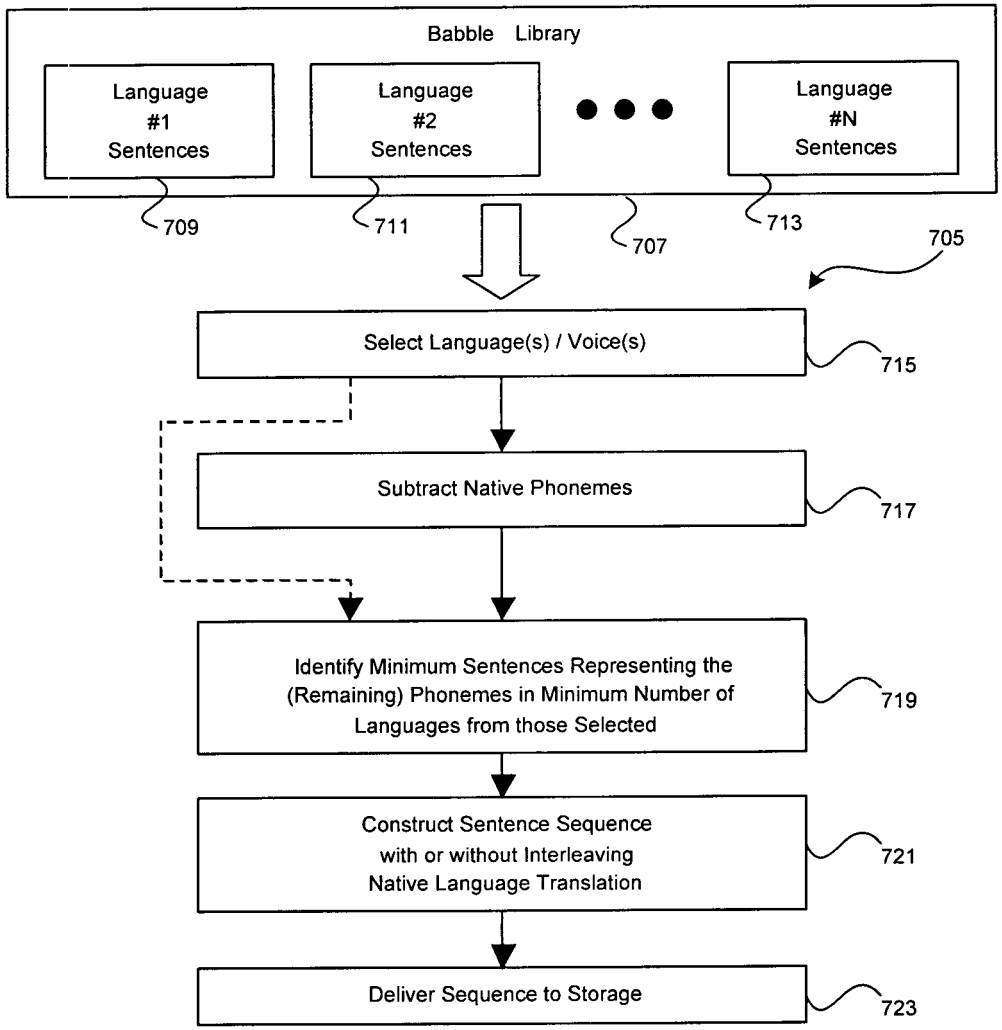
Babble Library
Language #1 Sentences
Language #2 Sentences
Language #N Sentences
709
711
707
713
705
Select Language(s) / Voice(s)
715
Subtract Native Phonemes
717
Identify Minimum Sentences Representing the (Remaining) Phonemes in Minimum Number of Languages from those Selected
719
Construct Sentence Sequence with or without Interleaving Native Language Translation
721
Deliver Sequence to Storage
723

FIG. 7

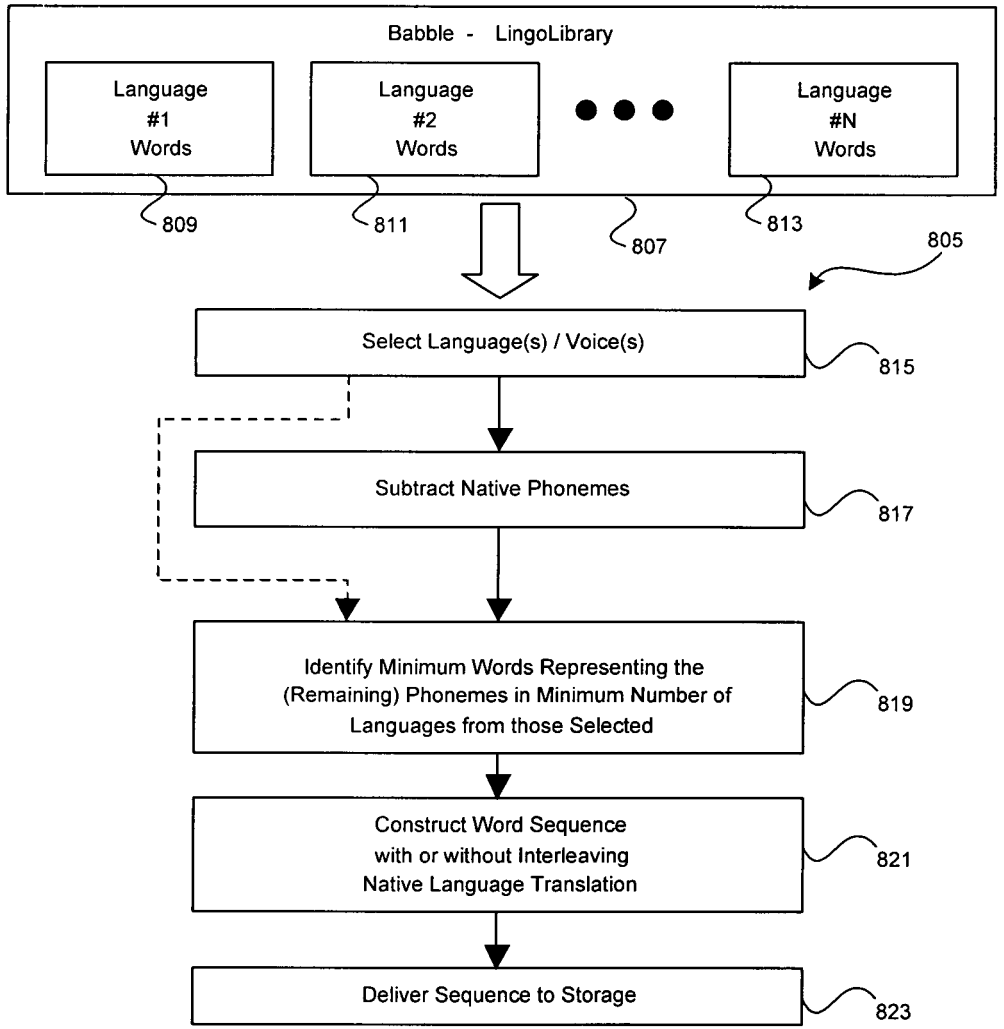
Babble - LingoLibrary
Language #1 Words
Language #2 Words
Language #N Words
809
811
807
813
805
Select Language(s) / Voice(s)
815
Subtract Native Phonemes
817
Identify Minimum Words Representing the (Remaining) Phonemes in Minimum Number of Languages from those Selected
819
Construct Word Sequence with or without Interleaving Native Language Translation
821
Deliver Sequence to Storage
823

FIG. 8

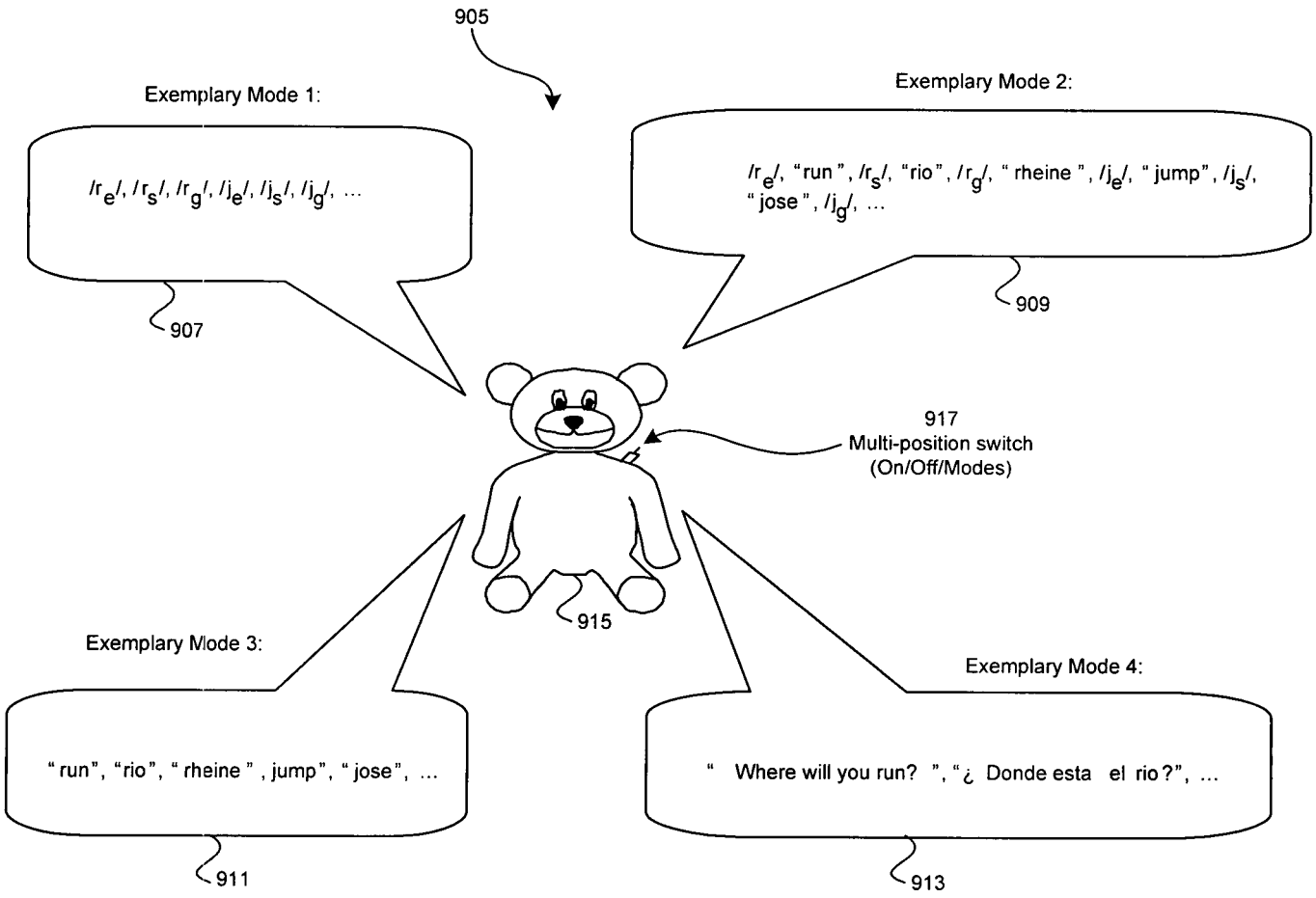
905
Exemplary Mode 1:
/re/, /rs/, /rg/, /je/, /js/, /jg/, ...
907
Exemplary Mode 2:
/re/, "run", /rs/, "rio", /rg/, "rheine", /je/, "jump", /js/, "jose", /jg/, ...
909
917
Multi-position switch
(On/Off/Modes)
915
Exemplary Mode 3:
"run", "rio", "rheine", jump", "jose", ...
911
Exemplary Mode 4:
" Where will you run? ", "¿ Donde esta el rio?", ...
913

**FIG. 9**